

NOTICE OF DRAFTPERSON'S
PATENT DRAWING REVIEW

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The drawing filed (insert date) 1-27-00 are:

A. _____ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.

B. _____ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
Black ink. Color.
____ Color drawing are not acceptable until petition is granted.
____ Fig(s) _____
____ Pencil and non black ink is not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)
____ Photographs are not acceptable until petition is granted.
____ 3 full-tone sets are required. Fig(s) _____
____ Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____
____ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)
____ Paper not flexible, strong, white and durable.
____ Fig(s) _____
____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)
____ Mylar, vellum paper is not acceptable (too thin).
____ Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:
____ 21.0 cm by 29.7 cm (DIN size A4)
____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
____ All drawings sheets not the same size.
____ Sheet(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
SIZE: A4 Size
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
SIZE: 8 1/2 x 11
____ Margins not acceptable. Fig(s) _____
____ Top (T) _____ Left (L) _____
____ Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)
REMINDER: Specification may require revision to correspond to drawing changes.
____ Views connected by projection lines or lead lines.
____ Fig(s) _____

Partial views. 37 CFR 1.84(h)(2)
____ Brackets needed to show figure as one entity.
____ Fig(s) _____
____ Views not labeled separately or properly.
____ Fig(s) _____
____ Enlarged view not labeled separately or properly.
____ Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
____ Hatching not indicated for sectional portions of an object.
____ Fig(s) _____
____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(j)
____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig(s) _____
____ Views not on the same plane on drawing sheet. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)
____ Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction.
____ Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)
____ Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality).
____ Fig(s) _____

11. SHADING. 37 CFR 1.84(m)
____ Solid black areas pale. Fig(s) _____
____ Solid black shading not permitted. Fig(s) _____
____ Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
____ Numbers and reference characters not plain and legible.
____ Fig(s) _____
____ Figure legends are poor. Fig(s) _____
____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) _____
____ English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) _____
____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)
____ Lead lines cross each other. Fig(s) _____
____ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
____ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)
____ Corrections not made from PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152
____ Surface shading shown not appropriate. Fig(s) _____
____ Solid black shading not used for color contrast.
____ Fig(s) _____

COMMENTS

REVIEWER JL DATE 4-21-00 TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO. _____

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INFORMATION

INFORMATION ON HOW TO MAKE DRAWING CHANGES
is also contained in the Circular of Practice for Patent Drawings
and is available at the Patent and Trademark Office, Washington, D.C.
and in the Circular of Practice for Patent Drawings, Part II, which
contains changes in drawing practice and practice for drawing changes.



INFORMATION ON HOW TO MAKE DRAWING CHANGES

1. Correction of Informalities-37 CFR 1.85

The new drawing with the changes incorporated therein should be submitted to the examiner in the inventor's name, docket number (if any), the name and address number of the person entitled to file, and a telephone number if available. The drawings should be submitted in the form of the file in each state of the drawing, as set forth in 37 CFR 1.84(e). Applicant may desire to file a corrected drawing and a transmittal letter. An extension of time may be obtained under 37 CFR 1.130. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing of Corrections

Applicant is required to submit acceptable corrected drawings within the three-month extended statutory period set forth in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable correction resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO 948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.